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Chip card with alternate coupling modes - has AC recognition circuit for switching between contact field coupling mode and antenna coil coupling mode.

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
WO 9638814	A2	19961205	WO 96IB518	A	19960530	G06K-019/07	199703 B
EP 774144	A1	19970521	EP 96913696	A	19960530	G06K-019/07	199725
			WO 96IB518	A	19960530		

Priority Applications (No Type Date): AT 95947 A 19950602

Language, Pages: WO 9638814 (G, 13); EP 774144 (G)

Abstract (Basic): WO 9638814 A

The chip card can be coupled to a read/write station via a contact field (1) or via an antenna coil (3), with the coupling used for transmission of data and for supplying the operating energy for the chip card.

When the antenna coil is used as the coupling mode, a rectifier is used to provide the operating voltage, which is directly supplied to the chip card components, with an AC recognition circuit (12) used for switching between the alternate coupling modes.

ADVANTAGE - Increased range in antenna coupling mode.

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